

SUBSTITUTE FORM PTO-1449  
(MODIFIED)

AUG 31 2001

U.S. DEPARTMENT OF COMMERCE  
PATENT AND TRADEMARK OFFICEATTY. DOCKET NO.  
NOR/865BSERIAL NO.  
09/898,601INFORMATION DISCLOSURE  
STATEMENT BY APPLICANTAPPLICANT  
Austin et al.

(37 CFR 1.98(b))

(Use several sheets if necessary)

FILING DATE  
July 3, 2001GROUP  
~~4732~~ 1722

## U.S. PATENT DOCUMENTS

EXAMINER INITIAL		PATENT NUMBER	ISSUE DATE	PATENTEE	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE
RP	A.A	4 0 4 9 2 4 4	09/1977	Hedrich	259	185	10/1975
RP	A.B	4 2 7 9 3 6 0	07/1981	Häuser	222	1	02/1979
RP	A.C	5 1 4 7 6 6 0	09/1992	Steindorf	425	546	04/1991
RP	A.D	5 2 0 3 0 7 6	04/1993	Banerji et al.	29	840	12/1991
RP	A.E	5 3 8 2 3 9 4	01/1995	Terhardt	425	546	06/1993
RP	A.F	5 4 0 9 5 2 3	04/1995	Haeuser	95	260	02/1994
RP	A.G	5 4 3 5 9 5 3	07/1995	Osada et al.	264	102	12/1993
RP	A.H	5 5 2 9 2 1 2	06/1996	Terhardt	222	1	05/1992
RP	A.I	5 5 9 1 2 5 2	01/1997	Haeuser	95	260	03/1996
RP	A.J	5 6 5 9 9 5 2	08/1997	Kovac et al.	29	840	12/1994
RP	A.K	5 6 7 0 2 0 3	09/1997	Terhardt et al.	427	58	03/1993

## FOREIGN PATENTS OR PUBLISHED FOREIGN PATENT APPLICATIONS

		DOCUMENT NUMBER	PUBLICATION DATE	COUNTRY OR PATENT OFFICE	CLASS	SUBCLASS	TRANSLATION (YES/NO)
RP	A.L	GB 2156247A	10/1985	United Kingdom			Yes N/A
	A.M						
	A.N						
	A.O						
	A.P						
	A.Q						

## OTHER DOCUMENTS (Including Author, Title, Date, Place of Publication)

RP	A.R	Chris Lawing, Camelot Systems, Inc., <u>Vacuum Dispensing Of Encapsulants For uBGA Manufacturing</u> , Electronic Packaging & Production, February 1998 (pages 87-91).
RP	A.S	Mark J. Norris, <u>The Dispensing Process In Advanced Electronic Component Manufacturing Of Ball Grid Arrays, Flip Chip &amp; Chip Scale Packages</u> , Pan Pacific Microelectronics Symposium, February 10-13, 1998 (pages 179-185).
RP	A.T	<u>New CSP Dispensing Systems Offer Fast, Void-Free Encapsulation</u> , and Craig Mitchell, Tessera, Inc., <u>Recent Advances In CSP Encapsulation</u> , Chip Scale Review, March 1998.

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EXAMINER Initial if citation considered, whether or not in conformance. Draw line through citation only if not in conformance and not considered. Include a copy of this form with next communication to applicant.

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U.S. DEPARTMENT OF COMMERCE  
PATENT AND TRADEMARK OFFICEATTY. DOCKET NO.  
NOR/865 BSERIAL NO.  
~~09/107,647~~ 09/108,601APPLICANT  
~~David Pedgett et al.~~ Austin et al.FILING DATE 7/3/01  
~~November 6, 1998~~GROUP  
~~3729~~ 1722

## U.S. PATENT DOCUMENTS

EXAMINER INITIAL		PATENT NUMBER	ISSUE DATE	PATENTEE	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE
	B.A						
	B.B						
	B.C						
	B.D						
	B.E						
	B.F						
	B.G						
	B.H						
	B.I						
	B.J						
	B.K						

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	B.L					
	B.M					
	B.N					
	B.O					
	B.P					
	B.Q					

## OTHER DOCUMENTS (Including Author, Title, Date, Place of Publication)

PP	B.R	Chris Lawing, Camelot Systems Inc., <u>Preventing Voids In uBGA® Packages</u> , Chip Scale Review, March 1998 (pages 48-51).
PP	B.S	Ron Iscoff, <u>Pushing The Envelope For the Next Generation of CSPs</u> , Chip Scale Review, March 1998 (pages 25-29).
PP	B.T	Verfahrenstechnik Hübers GmbH, <u>Vacuum Casting Resin Plants</u> , Verfahrenstechnik Hübers GmbH Sales Brochure, date unknown (6 pages).

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U.S. DEPARTMENT OF COMMERCE  
PATENT AND TRADEMARK OFFICEATTY. DOCKET NO.  
NOR/865D

SERIAL NO.

09/187,617 09/898, 601

APPLICANT

David Pedgett et al.

Austin et al.

FILING DATE

7/13/01

November 6, 1998

GROUP

3729 1722

## U.S. PATENT DOCUMENTS

EXAMINER INITIAL		PATENT NUMBER	ISSUE DATE	PATENTEE	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE
	C.A						
	C.B						
	C.C						
	C.D						
	C.E						
	C.F						
	C.G						
	C.H						
	C.I						
	C.J						
	C.K						

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## FOREIGN PATENTS OR PUBLISHED FOREIGN PATENT APPLICATIONS

		DOCUMENT NUMBER	PUBLICATION DATE	COUNTRY OR PATENT OFFICE	CLASS	SUBCLASS	TRANSLATION (YES/NO)
	C.L						
	C.M						
	C.N						
	C.O						
	C.P						
	C.Q						

## OTHER DOCUMENTS (Including Author, Title, Date, Place of Publication)

RP	C.R	Wilhelm Hedrich Vacuumanlagen GmbH & Co. KG, <u>Vaccum Technology - Worldwide - For Tomorrow's Innovation</u> , Wilhelm Hedrich Vacuumanlagen Sales Brochure, date unknown (6 pages).					
RP	C.S	Wilhelm Hedrich Vacuumanlagen GmbH & Co. KG, <u>Hedrich "On-The-Fly" Degassi</u> , Wilhelm Hedrich Vacuumanlagen Sales Brochure, date unknown (2 pages).					
RP	C.T	Wilhelm Hedrich Vacuumanlagen GmbH & Co. KG, <u>Vacuum Shot Dosing Equipment</u> , Wilhelm Hedrich Vacuumanlagen Sales Brochure, date unknown (pages 1-40).					

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9/13/03

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